


patent law group LLP**RECEIVED
CENTRAL FAX CENTER**

OCT 27 2004

2635 North First St. Suite 223
San Jose, CA 95134
Tel: 408.382.0480
Fax: 408.382.0481**FACSIMILE COVER SHEET**

Date:	October 27, 2004	Fax:	703-872-9306
To:	U.S. Patent and Trademark Office	Phone:	
Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450			
From:	Rachel V. Leiterman		
Serial No.:	10/691,026		
Docket:	LUM-03-03-02		
Re:	Response to Office Action		
Pages:	11 (including cover sheet)		

Message:

Re: Applicant(s): Jonathan J. Wiercr Jr., Michael R. Krames, Mihail M. Sigalas
Title: Photonic Crystal Light Emitting Device
Serial No.: 10/691,026
Examiner: Sara W. Cranc
Docket No.: LUM-03-03-02

Filed: October 21, 2003
Group Art Unit: 2811

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page);
- (2) Credit Card Payment Form PTO-2038 (1 page);
- (3) Response to Office Action (8 pages).

BEST AVAILABLE COPY

The information contained in this message is intended only for the personal and confidential use of the designated recipient(s) named above. This message may be an attorney-client communication and may be protected by the work product doctrine. As such, this document is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and destroy any copies of this document in your possession. Thank you.



**RECEIVED
CENTRAL FAX CENTER**

OCT 27 2004

Brian D. Oganowsky
Carmen C. Cook
David C. Hsiao
Rachel V. Leiterman

October 27, 2004

Via Facsimile
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Re: Applicant(s): Jonathan J. Wierer Jr., Michael R. Krames, Mihail M. Sigalas
Title: Photonic Crystal Light Emitting Device
Serial No.: 10/691,026
Examiner: Sara W. Crane
Docket No.: LUM-03-03-02
Filed: October 21, 2003
Group Art Unit: 2811

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page);
- (2) Credit Card Payment Form PTO-2038 (1 page);
- (3) Response to Office Action (8 pages).

- ☐ No additional fee is required.
☒ The fee has been calculated as shown below:

	Claims Remaining <u>After Amendment</u>		Highest No. Previously <u>Paid For</u>		Present <u>Extra</u>	<u>Rate</u>		Additional <u>Fee</u>
Total Claims	38	Minus	32	=	6	x \$18	\$	108.00
Independent Claims	4	Minus	3	=	1	x \$88	\$	88.00
<input type="checkbox"/>	Fee of _____ for the first filing of one or more multiple dependent claims per application							\$
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.							
<input checked="" type="checkbox"/>	Please charge our <u>credit card</u> (Form PTO-2038 enclosed) in the amount of							Total: \$ 196.00
<input checked="" type="checkbox"/>	Please charge any additional fees required and credit any overpayment to our Deposit Account No. 502226.							

Certification of Facsimile Transmission	
I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.	
<u>R. Leiterman</u> Signature	<u>10/27/04</u> Date

Respectfully submitted,

R. Leiterman

Rachel V. Leiterman
Attorney for Applicant(s)
Reg. No. 46,868

2635 North First Street, Suite 223, San Jose, CA 95134 ph: (408) 382-0480 fax: (408) 382-0481 www.patentlawgroup.com

OCT 27 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jonathan J. Wierer Jr., Michael R. Krames, Mihail M. Sigalas
Title: Photonic Crystal Light Emitting Device
Serial No.: 10/691,026 Filing Date: October 21, 2003
Examiner: Sara W. Crane Group Art Unit: 2811
Docket No.: LUM-03-03-02

San Jose, California
October 27, 2004

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

This responds to the Office Action dated October 6, 2004. Please amend the above-identified application as follows.

Amendments to the claims are reflected in the listing of claims beginning on page 2 of this paper.

Remarks begin on page 7 of this paper.

10/28/2004 AWONDAF1 00000125 10691026

01 FC:1202 108.00 OP
02 FC:1201 88.00 OP

PATENT LAW
GROUP LLP
705 N. FIRST ST.
SUITE 223
SAN JOSE, CA 95134
(408) 382-0480
FAX (408) 382-0481

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.